Library Sequence Search History

Checkal

=> fil reg; d que 12 FILE 'REGISTRY' ENTERED AT 16:29:32 ON 05 JUN 2006 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT. PLEASE SEE "HELP USAGETERMS" FOR DETAILS. COPYRIGHT (C) 2006 American Chemical Society (ACS)

Property values tagged with IC are from the ${\tt ZIC/VINITI}$ data file provided by ${\tt InfoChem}$.

STRUCTURE FILE UPDATES: 4 JUN 2006 HIGHEST RN 886746-35-6 DICTIONARY FILE UPDATES: 4 JUN 2006 HIGHEST RN 886746-35-6

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Structure search iteration limits have been increased. See HELP SLIMITS for details.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/reqprops.html

L2 1 SEA FILE=REGISTRY ABB=ON KORTSIRATEGCLPS/SOSFP

=> d sqide 12

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN

RN 845509-27-5 REGISTRY

CN L-Serine, L-lysyl-L-glutaminyl-L-arginyl-L-threonyl-L-seryl-L-isoleucyl-Larginyl-L-alanyl-L-threonyl-L-α-glutamylglycyl-L-cysteinyl-L-leucylL-prolyl- (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 12: PN: US20050037972 SEQID: 4 claimed sequence

FS PROTEIN SEQUENCE: STEREOSEARCH

SOL 15

|claimed |SEQID 4

SEQ 1 KQRTSIRATE GCLPS

HITS AT: 1-15

MF C67 H119 N23 O23 S

SR CA

LC STN Files: CA, CAPLUS, USPATFULL

DT.CA CAplus document type: Journal; Patent

RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study);

PREP (Preparation); PRP (Properties); USES (Uses)

RL.NP Roles from non-patents: BIOL (Biological study)

Absolute stereochemistry.

PAGE 1-B

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)

2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> fil capl uspatf; s 12 FILE 'CAPLUS' ENTERED AT 16:30:04 ON 05 JUN 2006 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT. PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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FILE 'USPATFULL' ENTERED AT 16:30:04 ON 05 JUN 2006
CA INDEXING COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)

L3 3 L2

=> dup rem 13

PROCESSING COMPLETED FOR L3

L4 2 DUP REM L3 (1 DUPLICATE REMOVED)

ANSWERS '1-2' FROM FILE CAPLUS

=> d ibib ed abs hitrn 1-2; fil hom

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN DUPLICATE 1

ACCESSION NUMBER: 2005:140786 CAPLUS Full-text

DOCUMENT NUMBER: 142:233279

TITLE: Phage-display peptides as novel antimicrobial agents

against Haemophilus influenzae, and uses in

identifying bacterial receptors and genes encoding the

same

INVENTOR(S):
Bishop-hurley, Sharon L.; Schmidt, Francis J.; Smith,

Arnold L.

PATENT ASSIGNEE(S): The Curators of the University of Missouri, USA

SOURCE: U.S. Pat. Appl. Publ., 24 pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
				-	
US 2005037972	A1	20050217	US 2003-655562		20030904
PRIORITY APPLN. INFO.:			US 2002-409909P	Р	20020911

ED Entered STN: 18 Feb 2005

Whole cell phage-display techniques were used to identify several peptides AΒ that bound preferentially to a non-typeable strain of Haemophilus influenzae. These peptides were able to inhibit growth of both H. influenzae and Staphylococcus aureus. Thus, methods for treating bacterial infections, alone or in combination with traditional antibiotics, are envisioned. Also provided is a method for identifying a bacterial receptor comprising (a) providing a sample suspected of comprising a bacterial receptor; (b) providing a peptide comprising the sequence KQRDSRSGYTAPTLV, KKSHHPSSEWGLNLT, GRHRTSVPTDEVFIT, KQRTSIRATEGCLPS, RNHGTDRATTIPPLS, VVFLSSRNSAVFTDF, GSRGKHTFVRPTLVF, or FISYSSPSHMGARMR; (c) contacting the sample with the peptide; and (d) identifying a receptor that binds to the peptide. The sample may be a whole bacterium or a bacterial cell wall. The peptide may be fixed to a support, such as a filter, a column, a bead, a dipstick or a gel. The method may further comprise degradative sequencing of said identified bacterial receptor, may further comprise designing a degenerative probe based on the sequence of said identified receptor, may further comprise using the degenerative probe to identify the gene encoding the identified receptor.

IT 845509-27-5P

RL: ARG (Analytical reagent use); BPN (Biosynthetic preparation); DEV (Device component use); PAC (Pharmacological activity); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); PREP (Preparation); USES (Uses)

(amino acid sequence, antimicrobial peptide; phage-display peptides as novel antimicrobial agents against Haemophilus influenzae, and uses in identifying bacterial receptors)

L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN ACCESSION NUMBER: 2005:590631 CAPLUS Full-text

DOCUMENT NUMBER: 143:244878

TITLE: Peptides selected for binding to a virulent strain of

Haemophilus influenzae by phage display are

bactericidal

AUTHOR(S): Bishop-Hurley, Sharon L.; Schmidt, Francis J.; Erwin,

Alice L.; Smith, Arnold L.

CORPORATE SOURCE: CSIRO Livestock Industries, Rockhampton, 4702,

Australia

SOURCE: Antimicrobial Agents and Chemotherapy (2005), 49(7),

2972-2978

CODEN: AMACCQ; ISSN: 0066-4804
American Society for Microbiology

DOCUMENT TYPE: Journal LANGUAGE: English ED Entered STN: 08 Jul 2005

AB Nontypeable H. influenzae (NTHi) is an obligate parasite of the oropharynx of humans, in whom it commonly causes mucosal infections such as otitis media, sinusitis, and bronchitis. We used a subtractive phage display approach to affinity select for peptides binding to the cell surface of a novel invasive NTHi strain R2866 (also called Int1). Over half of the selected phage peptides tested were bactericidal toward R2866 in a dose-dependent manner. Five of the clones encoded the same peptide sequence (KQRTSIRATEGCLPS; clone hi3/17), while the remaining 4 clones encoded unique peptides. All of the bactericidal phage peptides but one were cationic and had similar phys.chemical properties. Clone hi3/17 possessed a similar level of activity toward a panel of clin. NTHi isolates and H. influenzae type b strains but lacked bactericidal activity toward gram-pos. (Enterococcus faecalis, Staphylococcus aureus) and gram-neg. (Proteus mirabilis, Pseudomonas aeruginosa, and Salmonella enterica) bacteria. These data indicate that peptides binding to bacterial surface structures isolated by phage display may prove of value in developing new antibiotics.

IT 845509-27-5

PUBLISHER:

RL: BSU (Biological study, unclassified); BIOL (Biological study) (peptides binding to a virulent strain of Haemophilus influenzae by phage display are bactericidal)

REFERENCE COUNT: 37 THERE ARE 37 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

FILE 'HOME' ENTERED AT 16:30:17 ON 05 JUN 2006

=>

GenCore version 5.1.9 Copyright (c) 1993 - 2006 Biocceleration Ltd.

OM protein - protein search, using sw model

Run on: June 6, 2006, 05:12:21; Search time 197 Seconds

(without alignments)

34.813 Million cell updates/sec

Title: US-10-655-562A-4

Perfect score: 77

Sequence: 1 KQRTSIRATEGCLPS 15

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 2589679 seqs, 457216429 residues

Total number of hits satisfying chosen parameters: 2589679

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

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10: geneseqp2006s:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

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4	42	54.5	249	2	AAW79090	Aaw79	090 Hu	man	sec
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     Haemophilus influenza-binding phage display method peptide #14.
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KW.
     antibacterial; phage display; protein interaction;
KW
     haemophilus influenzae infection; staphylococcus aureus infection.
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     Bishop-Hurley SL, Schmidt FJ, Smith AL;
XX
DR
     WPI; 2005-172291/18.
XX
PT
     Novel isolated peptide derived from Haemophilus influenzae, useful for
     inhibiting growth of Staphylococcal or Haemophilus species such as
PT
PT
     Staphylococcus aureus or H.influenzae, and treating/preventing bacterial
PT
     infection in subject.
XX
     Claim 1; Page 15; 24pp; English.
PS
XX
CC
     The invention relates to an isolated peptide (I) derived from Haemophilus
CC
    influenzae, and comprising 15-50 residues of any one of 8 fully defined
CC
     sequences given in specification. (I) is useful for inhibiting the growth
CC
     of a Staphylococcal or Haemophilus sp. such as Staphylococcus aureus or
CC
     H.influenzae . The peptide is 15-50 residues, preferably 15 residues in
CC
     length. The method involves contacting the species with (I), and
CC
     contacting the species with a chemopharmaceutical antibiotic. (I) is
CC
     useful for treating or preventing a bacterial infection in a subject,
CC
     which involves contacting the subject with (I), to inhibit the growth of
CC
     bacteria in vivo . (I) is useful for preventing bacterial growth in a
CC
     solution or bacterial attachment or growth on an abiotic surface, which
CC
     involves mixing the solution with (I) or coating the abiotic surface with
CC
     (I) to inhibit the growth of bacteria in vivo . The surface is part of a
CC
     medical device. (I) is useful for identifying a bacterial receptor in a
CC
     sample, which involves providing a sample suspected of comprising a
CC
     bacterial receptor, contacting the sample with (I), and identifying a
CC
     receptor that binds to (I). The sample is a whole bacterium or bacterial
     cell wall. (I) is fixed to a support such as a filter, column, bead,
CC
     dipstick or gel. The method further involves degradative sequencing of
CC
CC
     the identified receptor, designing a degenerative probe based on the
     sequence of the identified receptor and using the degenerative probe to
CC
CC
     identify the gene encoding the identified receptor. (Note: this sequence
CC
     is given as SEQ ID NO: 4 in the claims of the patent but does not
CC
     corresponds to the sequence given as SEQ ID NO: 4 in the Sequence Listing
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     of the specification).
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     11-DEC-2000; 2000US-0254097P.
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     05-JAN-2001; 2001US-0259678P.
XX
PA
     (HUMA-) HUMAN GENOME SCI INC.
XX
ΡI
     Rosen CA,
                Barash SC,
                            Ruben SM;
XX
DR
     WPI; 2001-465570/50.
DR
     N-PSDB; AAL02573.
XX
PT
     Isolated nucleic acid molecule encoding a reproductive system antigen is
PT
     used in preventing, treating or ameliorating a medical condition.
XX
PS
     Claim 11; SEQ ID NO 5261; 1297pp + Sequence Listing; English.
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CC
     The present invention provides the protein and coding sequences of a
     number of human reproductive system related antigens. These can be used
CC
     in the prevention and treatment of reproductive system disorders,
CC
     including cancer. The present sequence is a protein of the invention
CC
XX
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                          54.5%; Score 42; DB 4; Length 109;
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Search completed: June 6, 2006, 05:15:55
Job time : 200 secs
                             GenCore version 5.1.9
                  Copyright (c) 1993 - 2006 Biocceleration Ltd.
OM protein - protein search, using sw model
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Run on:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

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3	42	54.5	120	2	US-09-621-976-5688	Sequence 5688, Ap
4	42	54.5	450	2	US-09-252-991A-26556	Sequence 26556, A
5	42	54.5	854	2	US-09-206-551-16	Sequence 16, Appl
6	41	53.2	94	2	US-09-489-039A-8163	Sequence 8163, Ap
7	39	50.6	161	2	US-09-270-767-33980	Sequence 33980, A
8	39	50.6	161	2	US-09-270-767-49197	Sequence 49197, A
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10	39	50.6	291	2	US-09-252-991A-19371	Sequence 19371, A
11	39	50.6	363	2	US-09-205-258-553	Sequence 553, App
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13	39	50.6	624	2	US-09-252-991A-23659	Sequence 23659, A
14	38	49.4	165	2	US-09-252-991A-17601	Sequence 17601, A
15	37	48.1	72	2	US-08-469-260A-453	Sequence 453, App
16	37	48.1	72	2	US-08-488-446-453	Sequence 453, App
17	37	48.1	72	2	US-08-467-344A-453	Sequence 453, App
18	37	48.1	72	2	US-08-424-550B-453	Sequence 453, App
19	37	48.1	91	2	US-09-376-781 - 2	Sequence 2, Appli
20	37	48.1	135	2	US-09-252-991A-22855	Sequence 22855, A
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22	37	48.1	532	2	US-09-717-789C-6	Sequence 6, Appli
23	37	48.1	588	2	US-09-533-427-5	Sequence 5, Appli
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25	37	48.1	724	2	US-09-533-427-4	Sequence 4, Appli
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; Sequence 7108, Application US/09621976
; Patent No. 6639063
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
 APPLICANT: Jobert, S.
  APPLICANT: Giordano, J.Y.
  TITLE OF INVENTION: ESTs and Encoded Human Proteins.
; FILE REFERENCE: GENSET.054PR2
; CURRENT APPLICATION NUMBER: US/09/621,976
  CURRENT FILING DATE: 2000-07-21
  NUMBER OF SEQ ID NOS: 19335
  SOFTWARE: Patent.pm
; SEQ ID NO 7108
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Db
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Search completed: June 6, 2006, 05:22:34
Job time : 51 secs
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Copyright (c) 1993 - 2006 Biocceleration Ltd.

OM protein - protein search, using sw model

Run on: June 6, 2006, 05:33:06; Search time 184 Seconds (without alignments)

37.762 Million cell updates/sec

Title: US-10-655-562A-4

Perfect score: 77

Sequence: 1 KQRTSIRATEGCLPS 15

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Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

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Maximum Match 100%

Listing first 45 summaries

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6	42	54.5	249	3	US-09-745-763-9	Sequence 9, Appli
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; Sequence 115135, Application US/10437963
; Publication No. US20040123343A1
; GENERAL INFORMATION:
   APPLICANT: La Rosa, Thomas J.
   APPLICANT: Kovalic, David K.
  APPLICANT: Zhou, Yihua
   APPLICANT: Cao, Yongwei
              Wu, Wei
  APPLICANT:
  APPLICANT:
              Boukharov, Andrey A.
   APPLICANT:
              Barbazuk, Brad
   APPLICANT: Li, Ping
   TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules
Associated With
   TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
   FILE REFERENCE: 38-21(53221)B
   CURRENT APPLICATION NUMBER: US/10/437,963
   CURRENT FILING DATE:
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Search completed: June 6, 2006, 05:36:25

Job time : 185 secs

Db

GenCore version 5.1.9

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OM protein - protein search, using sw model

Run on: June 6, 2006, 05:33:25; Search time 15 Seconds

(without alignments)

11.565 Million cell updates/sec

Title: US-10-655-562A-4

Perfect score: 77

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3	37	48.1	439	6	US-10-953-349-15731	Sequence	15731, A
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5	36	46.8	151	7	US-11-293-697-3091	Sequence	3091, Ap
6	36	46.8	234	6	US-10-953-349-25569	Sequence	25569, A
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23	33	42.9	432	6	US-10-196-749-74	Sequence	74, Appl
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26	33	42.9	599	6	US-10-953-349-20233	Sequence	20233, A
27	32	41.6	134	6	US-10-953-349-38480	Sequence	38480, A
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US-11-293-697-2989

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- ; GENERAL INFORMATION:
- ; APPLICANT: HELIX RESEARCH INSTITUTE
- ; TITLE OF INVENTION: Novel full length cDNA
- ; FILE REFERENCE: H1-A0106
- ; CURRENT APPLICATION NUMBER: US/11/293,697

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; CURRENT FILING DATE: 2005-12-05
; PRIOR APPLICATION NUMBER: US/10/108,260
; PRIOR FILING DATE: 2002-03-28
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Search completed: June 6, 2006, 05:36:46
Job time : 15 secs
                            GenCore version 5.1.9
                 Copyright (c) 1993 - 2006 Biocceleration Ltd.
OM protein - protein search, using sw model
Run on:
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Title:
              US-10-655-562A-4
Perfect score: 77
Sequence:
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1 2				1			DCG1 protein - yea
	42	54.5	854		VCLJSI		env polyprotein pr
3	40.5	52.6	312	2	C71136		hypothetical prote
4	40	51.9	290	2	F81700		DNA polymerase III
5	39	50.6	160	2	S56204		probable membrane
6	39	50.6	331	2	G69200		conserved hypothet
7	38	49.4	191	2	T49232		hypothetical prote
8	38	49.4	968	2	C82452		hypothetical prote
9	38	49.4	1220	2	T32916		hypothetical prote
10	37	48.1	188	2	T20235		hypothetical prote
11	37	48.1	340	2	T25919	•	hypothetical prote
12	37	48.1	359	2	T21247		hypothetical prote
13	37	48.1	487	2	F70765		hypothetical prote
14	37	48.1	642	2	D64491		hypothetical prote
15	37	48.1	1071	2	D86279		hypothetical prote
16	36	46.8	113	2	AH2677		hypothetical prote
17	36	46.8	169	2	C87610		conserved hypothet
18	36	46.8	206	2	T16153		hypothetical prote
19	36	46.8	275	2	B97323	•	multidrug-efflux t
20	36	46.8	308	2	T24912		hypothetical prote
21	36	46.8	325	2	F83503		hypothetical prote
22	36	46.8	346	2	F70666		probable alcohol d
23	36	46.8	482	2	H86447		hypothetical prote
24	36	46.8	665	2	H87468		ubiquinol oxidase
25	36	46.8	993	2	C55226		cylM protein - Ent
26	36	46.8	2351	2	G71415		hypothetical prote
27	36	46.8	2567	2	A49551		filamin, Muller ce
28	36	46.8	4006	2	T09070		probable tenascin
29	35.5	46.1	644	2	T24366		hypothetical prote
30	35.5	46.1	679	2	T24365		hypothetical prote
31	35	45.5	147	2	A75196		hypothetical prote
32	35	45.5	189	2	T19559		hypothetical prote
33	35	45.5	273	2	E95095		hypothetical prote
34	35	45.5	287	2	C75635		phosphoenolpyruvat
35	35	45.5	335	2	S25212		prsG protein - Esc
36	35	45.5	335	2	S25229		G-minor fimbrial p
37	35	45.5	375	2	H97560		alcohol dehydrogen
38	35	45.5	375	2	AH2781		alcohol dehydrogen
39	35	45.5	384	2	S25771		gas1 protein - mou
40	35	45.5	409	2	E91246		probable L-sorbose
41	35	45.5	413	2	B86094		probable L-sorbose
42	35	45.5	524	2	C81367		phosphoenolpyruvat
43	35	45.5	529	2	S12787		potassium channel
44	35	45.5	530	2	JH0167		potassium channel
45	35	45.5	555	1	RGASWA		regulatory protein

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RESULT 1
S48492
DCG1 protein - yeast (Saccharomyces cerevisiae)
N; Alternate names: protein YIR030c
C; Species: Saccharomyces cerevisiae
C;Date: 02-Dec-1994 #sequence revision 02-Dec-1994 #text change 09-Jul-2004
C; Accession: S48492; S19038
R; Rowley, K.
submitted to the EMBL Data Library, October 1994
A: Reference number: S48478
A; Accession: S48492
A; Molecule type: DNA
A; Residues: 1-244 < ROW>
A; Cross-references: UNIPROT: P32460; UNIPARC: UPI0000128FAE; GB: Z47047;
EMBL: Z38061; NID: g603997; PID: g763375; MIPS: YIR030c
R; Yoo, H.S.; Cooper, T.G.
Gene 104, 55-62, 1991
A; Title: Sequences of two adjacent genes, one (DAL2) encoding allantoicase and
another (DCG1) sensitive to nitrogen-catabolite repression in Saccharomyces
cerevisiae.
A; Reference number: JH0442; MUID: 92009196; PMID: 1916277
A; Accession: S19038
A; Molecule type: DNA
A; Residues: 1-126, 'C', 128-244 < YOO>
A; Cross-references: UNIPARC: UPI000017923A; GB:M64719
C; Genetics:
A; Gene: SGD: DCG1
A; Cross-references: SGD:S0001469; MIPS:YIR030c
A; Map position: 9R
C; Superfamily: Saccharomyces cerevisiae DCG1 protein
C; Keywords: transmembrane protein
F;221-237/Domain: transmembrane #status predicted <TMM>
                           58.4%; Score 45; DB 2; Length 244;
  Query Match
                           61.5%; Pred. No. 1.6;
  Best Local Similarity
  Matches
             8; Conservative
                                  2; Mismatches
                                                    3; Indels
                                                                   0; Gaps
                                                                                0;
            2 QRTSIRATEGCLP 14
Qу
              | | | | | : : | | | | | |
Db
           51 QETSIKSMEACLP 63
Search completed: June 6, 2006, 05:21:39
Job time : 41 secs
                              GenCore version 5.1.9
                  Copyright (c) 1993 - 2006 Biocceleration Ltd.
OM protein - protein search, using sw model
Run on:
                June 6, 2006, 05:12:45; Search time 294 Seconds
                                            (without alignments)
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47.195 Million cell updates/sec

Title: US-10-655-562A-4

Perfect score: 77

Sequence: 1 KQRTSIRATEGCLPS 15

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 2849598 seqs, 925015592 residues

Total number of hits satisfying chosen parameters: 2849598

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

ջ

Maximum Match 100%

Listing first 45 summaries

Database :

UniProt 7.2:*

1: uniprot_sprot:*
2: uniprot_trembl:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

Result No.	Score	Query	Length	חם	ID	Description
	30016					Description
1	48	62.3	561	2	Q8SV66_ENCCU	Q8sv66 encephalito
2	46	59.7	105	2	Q4YRP8_PLABE	Q4yrp8 plasmodium
3	45	58.4	86	2	Q3J3C1_RHOS4	Q3j3c1 rhodobacter
4	45	58.4	244	1	DCG1_YEAST	P32460 saccharomyc
5	44	57.1	103	2	Q2QQU0_ORYSA	Q2qqu0 oryza sativ
6	44	57.1	103	2	Q33AN9_ORYSA	Q33an9 oryza sativ
7	42.5	55.2	1184	2	Q57ZH0_9TRYP	Q57zh0 trypanosoma
8	42	54.5	117	2	Q84SP6_ORYSA	Q84sp6 oryza sativ
9	42	54.5	249	2	Q9BPY7_HUMAN	Q9bpy7 homo sapien
10	42	54.5	267	2	Q7L5R2_HUMAN	Q715r2 homo sapien
11	42	54.5	267	2	Q9BY14_HUMAN	Q9by14 homo sapien
12	42	54.5	292	2	Q4C9D8_CROWT	Q4c9d8 crocosphaer
13	42	54.5	854	1	ENV_SIVCZ	P17281 chimpanzee
14	42	54.5	987	1	SYV_RHOS4	Q3j4z5 rhodobacter
15	41	53.2	58	2	Q5N9P0_ORYSA	Q5n9p0 oryza sativ
16	41	53.2	238	2	Q3RPZ7_RALME	Q3rpz7 ralstonia m
17	41	53.2	292	2	Q65WI6_MANSM	Q65wi6 mannheimia
18	41	53.2	307	2	Q8KZT6_PSEPU	Q8kzt6 pseudomonas
19	41	53.2	357	2	Q9FFV4_ARATH	Q9ffv4 arabidopsis
20	41	53.2	426	2	Q6NKY2_ARATH	Q6nky2 arabidopsis
21	41	53.2	485	2	Q9SI78_ARATH	Q9si78 arabidopsis
22	41	53.2	494	2	Q2U0Z1_ASPOR	Q2u0z1 aspergillus
23	41	53.2	608	2	Q519L2_ENTHI	Q51912 entamoeba h
24	40.5	52.6	310	2	Q8U307_PYRFU	Q8u307 pyrococcus
25	40.5	52.6	312	2	O58585_PYRHO	058585 pyrococcus

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181 2 Q851P7 ORYSA
                                                     Q851p7 oryza sativ
26
       40
            51.9
27
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                                                     O5jmm9 oryza sativ
       40
            51.9
                    253 2 Q3H316_9ACTO
                                                     Q3h316 nocardioide
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28
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                    290 2 Q9PKK6_CHLMU
322 2 Q55ZJ6_CRYNE
                                                     Q9pkk6 chlamydia m
29
       40
            51.9
30
                                                     Q55zj6 cryptococcu
       40
            51.9
                    322 2 Q5KNW0_CRYNE
31
       40
            51.9
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                    358 2 Q5SV06 MOUSE
                                                     Q5sv06 mus musculu
32
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                   368 2 O550W6 DICDI
                                                     0550w6 dictyosteli
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                    368 2 Q86KQ3 DICDI
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       40 51.9 539 2 Q2VJ46_9VIRU
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40 51.9 734 2 Q2VJ48_9VIRU
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       40 51.9 759 2 Q4WL45_ASPFU
                                                    Q4wl45 aspergillus
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       40 51.9 775 2 Q3JKW4 BURP1
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            51.9 23015 2 Q8IQ18_DROME
50.6 121 2 Q6ZN48_HUMAN
42
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43
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44
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RESULT 1

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AC
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DT
    01-JUN-2002, integrated into UniProtKB/TrEMBL.
DT
    01-JUN-2002, sequence version 1.
DT
    07-FEB-2006, entry version 13.
DE
    Hypothetical protein ECU06 1590.
GN
    OrderedLocusNames=ECU06 1590;
OS
    Encephalitozoon cuniculi.
OC
    Eukaryota; Fungi; Microsporidia; Unikaryonidae; Encephalitozoon.
OX
    NCBI TaxID=6035;
RN
    [1]
RP
    NUCLEOTIDE SEQUENCE [LARGE SCALE GENOMIC DNA].
RC
    MEDLINE=21576510; PubMed=11719806; DOI=10.1038/35106579;
RX
    Katinka M.D., Duprat S., Cornillot E., Metenier G., Thomarat F.,
RA
RA
    Prensier G., Barbe V., Peyretaillade E., Brottier P., Wincker P.,
    Delbac F., El Alaoui H., Peyret P., Saurin W., Gouy M.,
RA
RA
    Weissenbach J., Vivares C.P.;
RT
    "Genome sequence and gene compaction of the eukaryote parasite
RT
    Encephalitozoon cuniculi.";
RL
    Nature 414:450-453(2001).
CC
    ______
CC
    Copyrighted by the UniProt Consortium, see http://www.uniprot.org/terms
CC
    Distributed under the Creative Commons Attribution-NoDerivs License
CC
    DR
    EMBL; AL590446; CAD25520.1; -; Genomic DNA.
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Best Local Similarity 53.3%; Pred. No. 5.6;
Matches 8; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

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Search completed: June 6, 2006, 05:20:54

Job time : 297 secs